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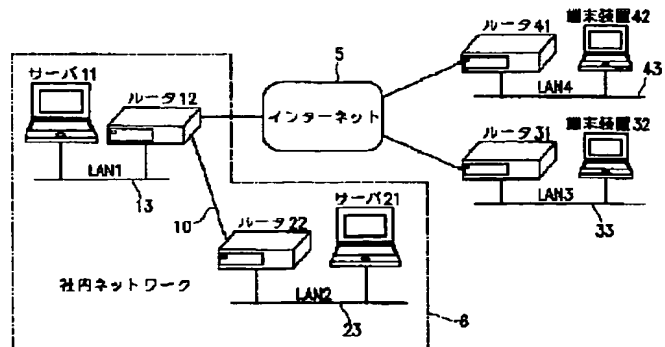
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H04L 29/08

TITLE : DATA COMMUNICATION METHOD
AND REPEATING DEVICE THEREFOR



ABSTRACT : PROBLEM TO BE SOLVED: To easily use dynamic band securing service by permitting a data repeating device to adjust a communication band in accordance with the request of communication from a node, to secure the prescribed communication band and to repeat data between the nodes.

SOLUTION: When a router 12 receives application data from a server, it compares a stored entry with an entry in repeating data. When the matched entry exists, the band which is set is secured and a PATH message is transmitted to a router 31. When the router 31 can secure the desired band, it secures the band which is set in the stored entry and the effect is transmitted to the router 12. When the desired band cannot be secured, band information which can be data-communicated is transmitted to the router 12 at that time. The router 12 repeats transmission data from the server 11 in the band based on reception information from the router 31.

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